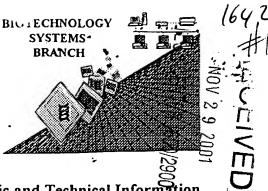
## RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/45/739 D

Source: AU 1400

Date Processed by STIC: 1/09/01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,

2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: <a href="mailto:patin21help@uspto.gov">patin21help@uspto.gov</a> or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: <a href="mailto:patin3help@uspto.gov">patin3help@uspto.gov</a> or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

## **Checker Version 3.0**

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

## Raw Sequence Listing Error Summary

ERROR DETECTED	SUCCESTED CORRECTION SERIAL NUMBER: 09/95/739
ATTN: NEW RULES CAS	es: Please disregard english "Alpha" headers, which were inserted by 1
1Wrapped Nucleics Wrapped Aminos	The numberNext at the end of each line "wrapped" down to the next line. This may occur if your fil was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.
3Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
4Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
5Variable Length	Sequence(s)contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6Patentin 2.0 "bug"	A "bug" in Patentin version 2.0 has equised the <220><223> section to be missing from a mino acid sequences(s) Normally, Patentin would automatically, generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220><223> section to the subsequent amino acid sequence. This applies to the mandatory <220><223> sections for Artificial or Unknown sequences.
7Skipped Sequences (OLD RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped
<i>,.</i>	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to Include the skipped sequences.
Skipped Sequences (NEW RULES)	Sequence(s) missing. If Intentional, please insert the following lines for each skipped sequence 210> sequence id number 400> sequence id number 000
9 Use of n's or Xaa's	$\mathcal{L}^{\prime\prime}$
(NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents
10Invalid <213> Response	Per 1.823 of Sequence Rules, the only valld <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus) species). <220>-<223> section is required when <213> response is Unknown is Artificial Sequence
Use of <220>	Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules
Patentin 2.0 "bug"	Please do not use "Copy to Disk" function of Patentln version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
3Misusc of n	in can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represe any value not specifically a nucleotide.
<b>4</b> .	

AMC/MH - Biotechnology Systems Branch - 08/21/2001

DATE: 11/09/2001

TIME: 11:14:22

1600

Input Set : A:\#703518v1 -DECEMBER 8 REVISED SEQUENCE LISTING NDH.txt Output Set: N:\CRF3\11092001\I451739D.raw 1 <110> APPLICANT: Jager, Dirk Scanlan, Matthew 2 3 Gure, Ali Does Not Comply 4 Jager, Elke Corrected Diskette Needec Knuth, Alexander 5 6 Old, Lloyd Chen, Yao-tseng 9 <120> TITLE OF INVENTION: Isolated Nucleic Acid Molecules Encoding Cancer Associated Antigens, Field 222 7 B the Antigens per se, and Uses Thereof 10 12 <130> FILE REFERENCE: LUD 5615 14 <140> CURRENT APPLICATION NUMBER: 09/451,739D 16 <141> CURRENT FILING DATE: 1999-11-30 18 <160> NUMBER OF SEQ ID NOS: 19 21 <210> SEQ ID NO: 1 22 <211> LENGTH: 1533 23 <212> TYPE: DNA 24 <213> ORGANISM: Homo sapiens W--> 25 <220> FEATURE: 26 <221> NAME/KEY: CDS 27 <222> LOCATION: 235 28 <223> OTHER INFORMATION: unknown W--> 29 <400> SEQUENCE: 1 30 ggttttccac gttggacaag tgcggctcgg cggccagcgg agcgcccc ttcccgctgc 32 cogeteeget cetetettet acceageeca gtgggegagt gggeagegge ggeegeggeg 180 34 ctgggccctc tcccgccggt gtgtgcgcgc tcgtacgcgc ggcccccggc gccagccccg W--> 36 ccgcctgaga gggggcctgc gccgccggcc ggggcgtgcg cccgggagcc accgmcaccg 240 38 eggeeegege eeteaggege tggggteeee geggaeeegg aggegggga egggetegge 300 360 40 agatgtagcc gccgggccga agcaggagcc ggcgggggg cgccgggaga gcgagggctt 420 42 tgcattttgc agtgctattt tttgaggggg gcggagggtg gaggaagtcg gaaagccgcg 44 ccgagtcgcc ggggacctcc ggggtgaacc atgttgagtc ctgccaacgg ggagcagctc 480 46 cacctggtga actatgtgga ggactacctg gactccatcg agtccctgcc tttcgacttg 540 48 cagagaaatg tetegetgat gegggagate gaegegaaat accaagagat eetgaaggag 600 50 ctaqacqaqt qctacqaqcq cttcagtcqc gagacagacg gggcgcagaa gcggcggatg 660 52 ctgcactgtg tgcagcgcgc gctgatccgc agccaggagc tgggcgacga gaagatccag 720 54 atcgtgagcc agatggtgga gctggtggag aaccgcacgc ggcaggtgga cagccacgtg 56 gagetgtteg aggegeagea ggagetggge gacacagegg geaacagegg caaggetgge 58 geggaeagge ceaaaggega ggeggeageg caggetgaea ageecaacag caagegetea 60 cggcggcagc gcaacaacga gaaccgtgag aacgcgtcca gcaaccacga ccacgacgac 960 62 ggcgcctcgg gcacacccaa ggagaagaag gccaagacct ccaagaagaa gaagcgctcc 1020 64 aaggecaagg eggagegaga ggegteeeet geegaeetee eeategaeee caacgaaeee 1080 66 acgtactgtc tgtgcaacca ggtctcctat ggggagatga tcggctgcga caacgacgag 1140 68 tgccccatcg agtggttcca cttctcgtgc gtggggctca atcataaacc caagggcaag 1200 70 tggtactgtc ccaagtgccg gggggagaac gagaagacca tggacaaagc cctggagaaa 1260 72 tccaaaaaag agagggctta caacaggtag tttgtggaca ggcgcctggt gtgaggagga 1320 74 caaaataaac cqtqtattta ttacattqct qcctttqttq aggtgcaagg agtgtaaaat 1380

76 gtatattttt aaagaatgtt agaaaaggaa ccattccttt catagggatg gcagtgattc 1440 78 tgtttqcctt ttgttttcat tggtacacgt gtaacaagaa agtggtctgt ggatcagcat 1500

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/451,739D

RAW SEQUENCE LISTING DATE: 11/09/2001 PATENT APPLICATION: US/09/451,739D TIME: 11:14:22

Input Set : A:\#703518v1 -DECEMBER 8 REVISED SEQUENCE LISTING NDH.txt

Output Set: N:\CRF3\11092001\1451739D.raw

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     84 <211> LENGTH: 1143
     85 <212> TYPE: DNA
     86 <213> ORGANISM: Homo sapiens
W--> 87 <400> SEQUENCE: 2
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     90 agcagtgate eegggeetgt ggetegggge eggggetgea gtteggaeeg eeteeegega
     92 cccgcggggg ctcggagaca gtttcaggcc gcatctttgc tgacccgagg gtggggccgc
     94 gegtggeegt ggaaacagat cetgaaggag etagaegagt getaegageg eiteagtege
     96 gagacagacg gggcgcagaa gcggcggatg ctgcactgtg tgcagcgcgc gctgatccgc
     98 agccaggagc tgggcgacga gaagatccag atcgtgagcc agatggtgga gctggtggag
     100 aaccgcacgc ggcaggtgga cagccacgtg gagctgttcg aggcgcagca ggagctgggc
                                                                             420
     102 gacacagtgg gcaacagcgg caaggttggc gcggacaggc ccaatggcga tgcggtagcg
                                                                             480
     104 cagtctgaca agcccaacag caagcgctca cggcggcagc gcaacaacga gaaccgtgag
                                                                             540
                                                                             600
     106 aacgcgtcca gcaaccacga ccacgacgac ggcgcctcgg gcacacccaa ggagaagaag
                                                                             660
     108 gccaagacct ccaagaagaa gaagcgctcc aaggccaagg cggagcgaga ggcgtcccct
     110 geogaectee ceategaece caacgaacce acqtactgte tgtgcaacca ggtetectat
                                                                             720
     112 ggggagatga teggetgega caaegaegag tgeeccateg agtggtteea ettetegtge
                                                                             780
     114 gtggggctca atcataaacc caagggcaag tggtactgtc ccaagtgccg gggggagaac
                                                                             840
     116 gagaagacca tggacaaagc cctggagaaa tccaaaaaag agagggctta caacaggtag
                                                                             900
     118 tttgtggaca ggcgcctggt gtgaggagga caaaataaac cgtgtattta ttacattgct
     120 gcctttgttg aggtgcaagg agtgtaaaat gtatatttt aaagaatgtt agaaaaggaa 1020
     122 ccattccttt catagggatg gcagtgattc tgtttgcctt ttgttttcat tggtacacgt 1080
     124 qtaacaaqaa aqtqqtctqt qqatcaqcat tttaqaaact acaaatataq qtttqattca 1140
     126 aca
                                                                            1143
     129 <210> SEQ ID NO: 3
     130 <211> LENGTH: 742
     131 <212> TYPE: DNA
     132 <213> ORGANISM: Homo sapiens
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W--> 134 <400> SEQUENCE: 3
     135 egecgtecae acceeagegg ecetgaeget gteceeteeg egaceetege etetggaaaa
                                                                             120
     137 agtgacagge aaggecaege eecegegagg geeggeeteg ageeegeage eeceagggee
     139 tgggacgaga tcctgaagga gctagacgag tgctacgagc gcttcagtcg cgagacagac
                                                                             180
     141 ggggcgcaga agcggcggat gctgcactgt gtgcagcgcg cgctgatccg cagccaggag
                                                                             240
                                                                             300
     143 ctgggcgacg agaagatcca gatcgtgagc cagatggtgg agctggtgga gaaccgcacg
                                                                             360
     145 eggeaggtgg acagecaegt ggagetgtte gaggegeage aggagetggg egacaeageg
     147 ggcaacagcg gcaaggctgg cgcggacagg cccaaaggcg aggcggcagc gcaggctgac
                                                                             420
     149 aagcccaaca gcaagcgctc acggcggcag cgcaacaacg agaaccgtga gaacgcgtcc
                                                                             540
     151 agcaaccacq accacqacqa cqqcqcctcq qqcacaccca aqqaqaaqaa qqccaaqacc
     153 tecaaqaaqa aqaaqegete caaqqeeaaq qeqqaqeqaq aqqeqteece tqeeqacete
                                                                             600
     155 cccatcgacc ccaacgaacc cacgtactgt ctgtgcaacc aggtctccta tggggagatg
                                                                             660
     157 ateggetgeg acaacgacga gtgccccate gagtggttee aettetegtg egtggggete
                                                                             720
     159 aatcataaac ccaaqqqcaa qt
                                                                             742
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     163 <211> LENGTH: 857
     164 <212> TYPE: DNA
    165 <213> ORGANISM: Homo sapiens
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RAW SEQUENCE LISTING DATE: 11/09/2001 PATENT APPLICATION: US/09/451,739D TIME: 11:14:22

Input Set : A:\#703518v1 -DECEMBER 8 REVISED SEQUENCE LISTING NDH.txt

Output Set: N:\CRF3\11092001\1451739D.raw

## W--> 166 <400> SEQUENCE: 4 60 167 cctccgagaa cggtgtccat ggcacagggc gggaagagat aaggcctagg gaaggcgcc 120 169 ctcgggccta tccacctctt ctggggctcg gcactaggaa gcagcttccc tctcaggccc 171 ctttgtctcc aagccgttcc aaactgagta ccgggagacg acacaaaggg agggcggtga 180 173 cggatggcgc aggcgcggga gccgcctagg ctgctgggag tggtggtccg gccgcggaat 240 175 ggagatectg aaggagetag acgagtgeta egagegette agtegegaga eagaegggge 300 177 gcagaagcgg cggatgctgc actgtgtgca gcgcgcgctg atccgcagcc aggagctggg 360 179 cgacgagaag atccagatcg tgagccagat ggtggagctg gtggagaacc gcacgcggca 420 181 ggtggacagc cacgtggagc tgttcgaggc gcagcaggag ctgggcgaca cagcgggcaa 480 183 cageggeaag getggegegg acaggeecaa aggegaggeg geagegeagg etgacaagee 54 Û 185 caacagcaag cgctcacggc ggcagcgcaa caacgagaac cgtgagaacg cgtccagcaa 600 187 ccacgaccac gacgacggcg cctcgggcac acccaaggag aagaaggcca agacctccaa 660 189 gaagaagaag cgctccaagg ccaaggcgga gcgagaggcg tcccctgccg acctccccat 720 191 cgaccccaac gaacccacgt actgtctgtg caaccaggtc tcctatgggg agatgatcgg 780 193 ctgcgacaac gacgagtgcc ccatcgagtg gttccacttc tcgtgcgtgg ggctcaatca 840 857 195 taaacccaag ggcaagt 198 <210> SEQ ID NO: 5 199 <211> LENGTH: 279 200 <212> TYPE: PRT 201 <213> ORGANISM: Homo sapiens --> 202 <400> SEQUENCE: 5 203 Met Leu Ser Pro Ala Asn Gly Glu Gln Leu His Leu Val Asn Tyr Val 204 1 5 10 206 Glu Asp Tyr Leu Asp Ser Ile Glu Ser Leu Pro Phe Asp Leu Gln Arg 207 209 Asn Val Ser Leu Met Arg Glu Ile Asp Ala Lys Tyr Gln Glu Ile Leu 210 212 Lys Glu Leu Asp Glu Cys Tyr Glu Arg Phe Ser Arg Glu Thr Asp Gly 213 55 215 Ala Gln Lys Arg Arg Met Leu His Cys Val Gln Arg Ala Leu Ile Arg 70 75 218 Ser Gln Glu Leu Gly Asp Glu Lys Ile Gln Ile Val Ser Gln Met Val 90 221 Glu Leu Val Glu Asn Arg Thr Arg Gln Val Asp Ser His Val Glu Leu 222 105 224 Phe Glu Ala Gln Glu Leu Gly Asp Thr Val Gly Asn Ser Gly Lys 225 115 120 227 Val Gly Ala Asp Arg Pro Asn Gly Asp Ala Val Ala Gln Ser Asp Lys 230 Pro Asn Ser Lys Arg Ser Arg Arg Gln Arg Asn Asn Glu Asn Arg Glu 231 145 150 155 233 Asn Ala Ser Ser Asn His Asp His Asp Asp Gly Ala Ser Gly Thr Pro 234 165 170 236 Lys Glu Lys Lys Ala Lys Thr Ser Lys Lys Lys Arg Ser Lys Ala 237 180 185 239 Lys Ala Glu Arg Glu Ala Ser Pro Ala Asp Leu Pro Ile Asp Pro Asn 195 200 242 Glu Pro Thr Tyr Cys Leu Cys Asn Gln Val Ser Tyr Gly Glu Met Ile 243 210 215

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/451,739D
DATE: 11/09/2001
TIME: 11:14:22

Input Set : A:\#703518v1 -DECEMBER 8 REVISED SEQUENCE LISTING NDH.txt

Output Set: N:\CRF3\11092001\1451739D.raw

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245 Gly Cys Asp Asn Asp Glu Cys Pro Ile Glu Trp Phe His Phe Ser Cys
     246 225
                             230
                                                 235
     248 Val Gly Leu Asn His Lys Pro Lys Gly Lys Trp Tyr Cys Pro Lys Cys
                         245
                                            250
     251 Arg Gly Glu Asn Glu Lys Thr Met Asp Lys Ala Leu Glu Lys Ser Lys
                                         265
                     260
     254 Lys Glu Arg Ala Tyr Asn Arg
     255
                275
     258 <210> SEQ ID NO: 6
     259 <211> LENGTH: 210
     260 <212> TYPE: PRT
     261 <213> ORGANISM: Homo sapiens
W--> 262 <220> FEATURE:
W--> 263 <400> SEQUENCE: 6
     264 Met Leu His Cys Val Gln Arg Ala Leu Ile Arg Ser Gln Glu Leu Gly
     267 Asp Glu Lys Ile Gln Ile Val Ser Gln Met Val Glu Leu Val Glu Asn
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                                         25
     270 Arg Thr Arg Gln Val Asp Ser His Val Glu Leu Phe Glu Ala Gln Gln
                 35
                                     40
     273 Glu Leu Gly Asp Thr Val Gly Asn Ser Gly Lys Val Gly Ala Asp Arg
                                 55
     276 Pro Asn Gly Asp Ala Val Ala Gln Ser Asp Lys Pro Asn Ser Lys Arg
     279 Ser Arg Arg Gln Arg. Asn Asn Glu Asn Arg Glu Asn Ala Ser Ser Asn
     282 His Asp His Asp Asp Gly Ala Ser Gly Thr Pro Lys Glu Lys Lys Ala
                     100
                                         105
     285 Lys Thr Ser Lys Lys Lys Arg Ser Lys Ala Lys Ala Glu Arg Glu
                                     120
     288 Ala Ser Pro Ala Asp Leu Pro Ile Asp Pro Asn Glu Pro Thr Tyr Cys
                                 135
     291 Leu Cys Asn Gln Val Ser Tyr Gly Glu Met Ile Gly Cys Asp Asn Asp
                             150
                                                 155
     294 Glu Cys Pro Ile Glu Trp Phe His Phe Ser Cys Val Gly Leu Asn His
                                             170
                         165
     297 Lys Pro Lys Gly Lys Trp Tyr Cys Pro Lys Cys Arg Gly Glu Asn Glu
                                         185
     300 Lys Thr Met Asp Lys Ala Leu Glu Lys Ser Lys Lys Glu Arg Ala Tyr
                                     200
     301
                 195
     303 Asn Arg
     304
             210
     307 <210> SEQ ID NO: 7
     308 <211> LENGTH: 235
     309 <212> TYPE: PRT
     310 <213> ORGANISM: Homo sapiens
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     312 Met Glu Ile Leu Lys Glu Leu Asp Glu Cys Tyr Glu Arg Phe Ser Arg
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/451,739D
DATE: 11/09/2001
TIME: 11:14:22

Input Set : A:\#703518v1 -DECEMBER 8 REVISED SEQUENCE LISTING NDH.txt

Output Set: N:\CRF3\11092001\I451739D.raw

```
315 Glu Thr Asp Gly Ala Gln Lys Arg Arg Met Leu His Cys Val Gln Arg
                     20
     318 Ala Leu Ile Arg Ser Gln Glu Leu Gly Asp Glu Lys Ile Gln Ile Val
     321 Ser Gln Met Val Glu Leu Val Glu Asn Arg Thr Arg Gln Val Asp Ser
                                 55
     324 His Val Glu Leu Phe Glu Ala Gln Gln Glu Leu Gly Asp Thr Val Gly
                             70
                                                  75
     327 Asn Ser Gly Lys Val Gly Ala Asp Arg Pro Asn Gly Asp Ala Val Ala
                         85
     330 Gln Ser Asp Lys Pro Asn Ser Lys Arg Ser Arg Arg Gln Arg Asn Asn
     331
                     100
                                         105
     333 Glu Asn Arg Glu Asn Ala Ser Ser Asn His Asp His Asp Asp Gly Ala
                                     120
                                                          125
                 115
     336 Ser Gly Thr Pro Lys Glu Lys Lys Ala Lys Thr Ser Lys Lys Lys Lys
                                 135
     339 Arg Ser Lys Ala Lys Ala Glu Arg Glu Ala Ser Pro Ala Asp Leu Pro
                             150
                                                 155
     342 Ile Asp Pro Asn Glu Pro Thr Tyr Cys Leu Cys Asn Gln Val Ser Tyr
     343
                                             170
                         165
     345 Gly Glu Met Ile Gly Cys Asp Asn Asp Glu Cys Pro Ile Glu Trp Phe
                                         185
     348 His Phe Ser Cys Val Gly Leu Asn His Lys Pro Lys Gly Lys Trp Tyr
     349
                                     200
     351 Cys Pro Lys Cys Arg Gly Glu Asn Glu Lys Thr Met Asp Lys Ala Leu
                                 215
     354 Glu Lys Ser Lys Lys Glu Arg Ala Tyr Asn Arg
     355 225
                             230
     358 <210> SEQ ID NO: 8
     359 <211> LENGTH: 772
     360 <212> TYPE: DNA
     361 <213> ORGANISM: Homo sapiens
     362 <221> NAME/KEY: CDS
     363 <222> LOCATION: 689,714
W--> 364 <400> SEQUENCE: 8
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     367 cccacqacqa cgtcacctcq qqcacqccca aggagaagaa agcccagacc tctaagaaga
                                                                             120
    369 agcagggctc catggccaag gcgtagcggc aggcgtcccc cgcagacctc cccatcgacc
    371 ccagcgagcc ctcctactgg gagatgatcc gctgcgacaa cgaatgcccc atcgagtggt
                                                                             240
                                                                             300
     373 tecgettete qtqtqtqaqt etcaaccata aaccaaageg caagtggtae tgttecagat
    375 gccggggaaa gaacgatggg caaagccctt gagaagtcca gaaaaaaaac agggcttata
                                                                             360
     377 acaggtagtt tggggacatg cgtctaatag tgaggagaac aaaataagcc agtgtgttga
                                                                             420
                                                                             480
     379 ttacattgcc acctttgctg aggtgcagga agtgtaaaat gtatattttt aaagaatgtt
                                                                             540
     381 gttagaggcc gggcgcggtg gctcacgcct gtaatcccag cactttggga ggccgaggcg
    383 gtcggatcac gaggtcagga gatcgagacc atcctggcta acacggtgaa accccgtctc
                                                                             600
     385 tactaaaaat tcaaaaaaaa aattagctgg gcgtggtggc gggcgcctgt agtcccagct
                                                                             660
w--> 387 attcgggagg ctgaggcagg agaatggcht gaacctggga ggtggagctt gcahtgagcc
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                                                                             772
     389 aaggtegege eactgeacte cageetggge gacagagega gactecatet ta
     392 <210> SEQ ID NO: 9
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/451,739D

DATE: 11/09/2001 TIME: 11:14:23

Input Set : A:\#703518v1 -DECEMBER 8 REVISED SEQUENCE LISTING NDH.txt

Output Set: N:\CRF3\11092001\I451739D.raw

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L:25 M:283 W: Missing Blank Line separator, <220> field identifier
L:29 M:283 W: Missing Blank Line separator, <400> field identifier
L:36 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:87 M:283 W: Missing Blank Line separator, <400> field identifier
L:133 M:283 W: Missing Blank Line separator, <220> field identifier
L:134 M:283 W: Missing Blank Line separator, <400> field identifier
L:166 M:283 W: Missing Blank Line separator, <400> field identifier
L:202 M:283 W: Missing Blank Line separator, <400> field identifier
L:262 M:283 W: Missing Blank Line separator, <220> field identifier
L:263 M:283 W: Missing Blank Line separator, <400> field identifier
                                                                               Errored
L:311 M:283 W: Missing Blank Line separator, <400> field identifier
L:364 M:283 W: Missing Blank Line separator, <400> field identifier
L:387 M:258 W: Mandatory Feature missing, \langle 220 \rangle not found for SEQ ID#:8 L:387 M:258 W: Mandatory Feature missing, \langle 223 \rangle not found for SEQ ID#:8
L:387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:396 M:283 W: Missing Blank Line separator, <400> field identifier
L:404 M:283 W: Missing Blank Line separator, <400> field identifier
L:412 M:283 W: Missing Blank Line separator, <400> field identifier
L:420 M:283 W: Missing Blank Line separator, <400> field identifier
L:428 M:283 W: Missing Blank Line separator, <400> field identifier
L:436 M:283 W: Missing Blank Line separator, <400> field identifier
L:446 M:283 W: Missing Blank Line separator, <400> field identifier
L:501 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:15
L:501 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:15
L:501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:505 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:15
L:505 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:15
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L:509 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:15
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L:513 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:15
L:513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:520 M:283 W: Missing Blank Line separator, <400> field identifier
L:622 M:283 W: Missing Blank Line separator, <400> field identifier
L:630 M:283 W: Missing Blank Line separator, <400> field identifier
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Post 5 of 7B

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<221> CDŞ

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Errored: must enumerate n's.